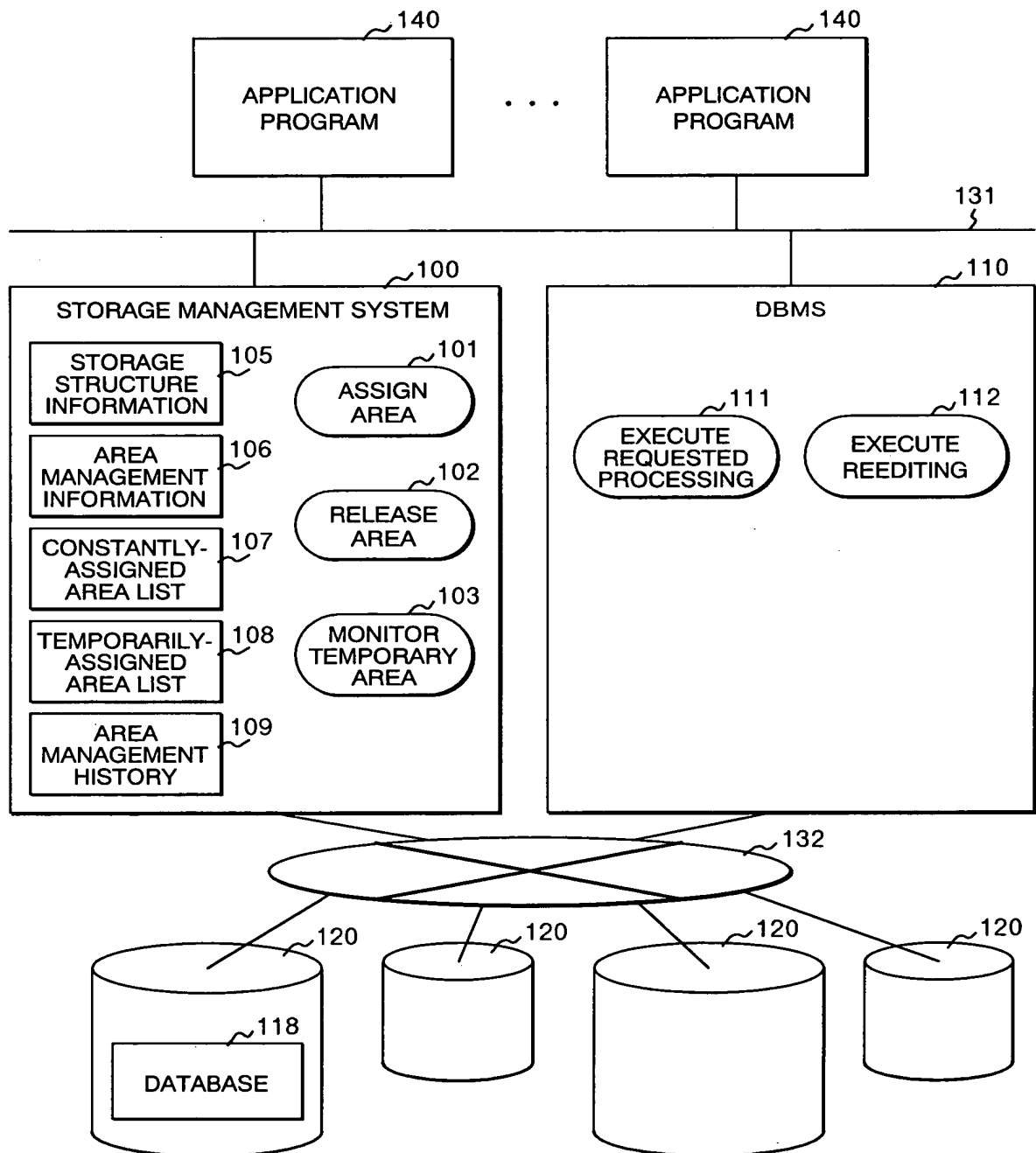
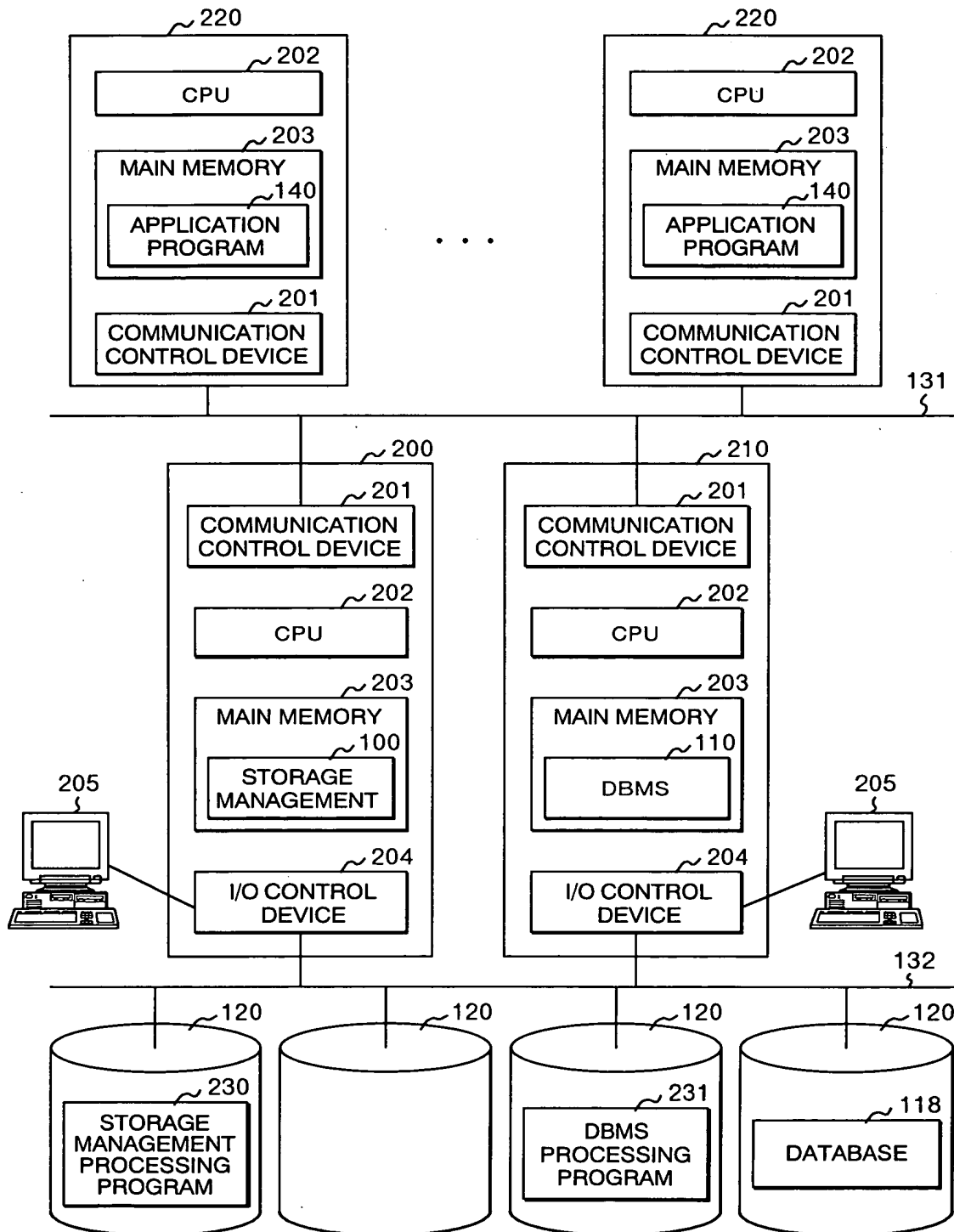
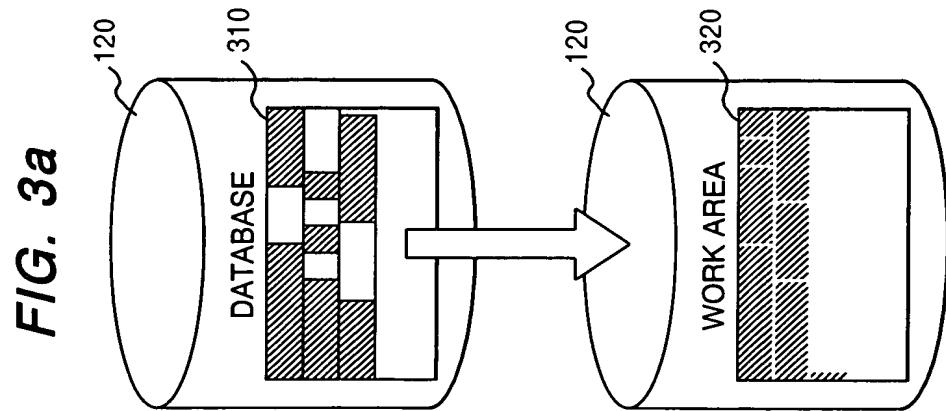
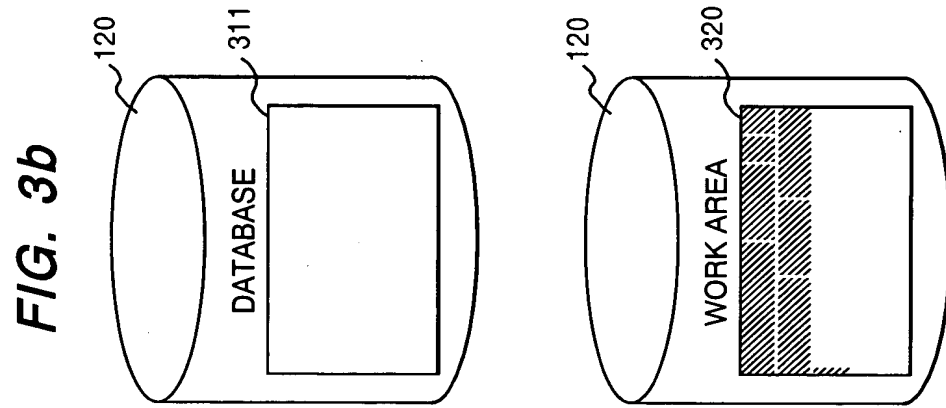
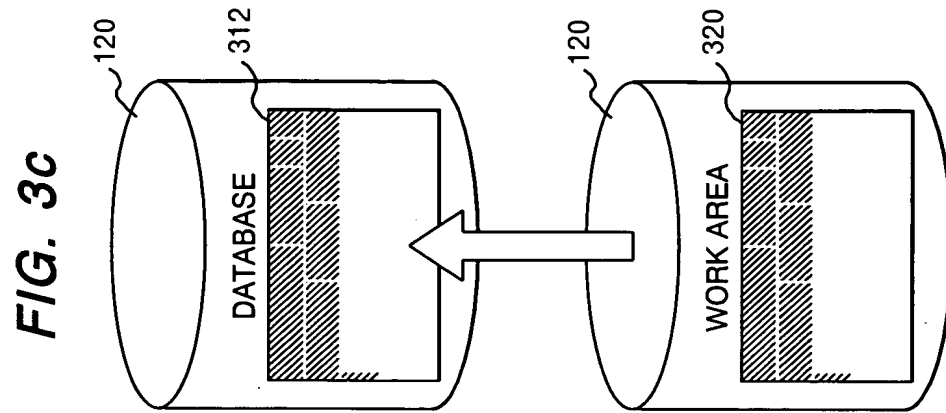


**FIG. 1**

**FIG. 2**



**FIG. 4**

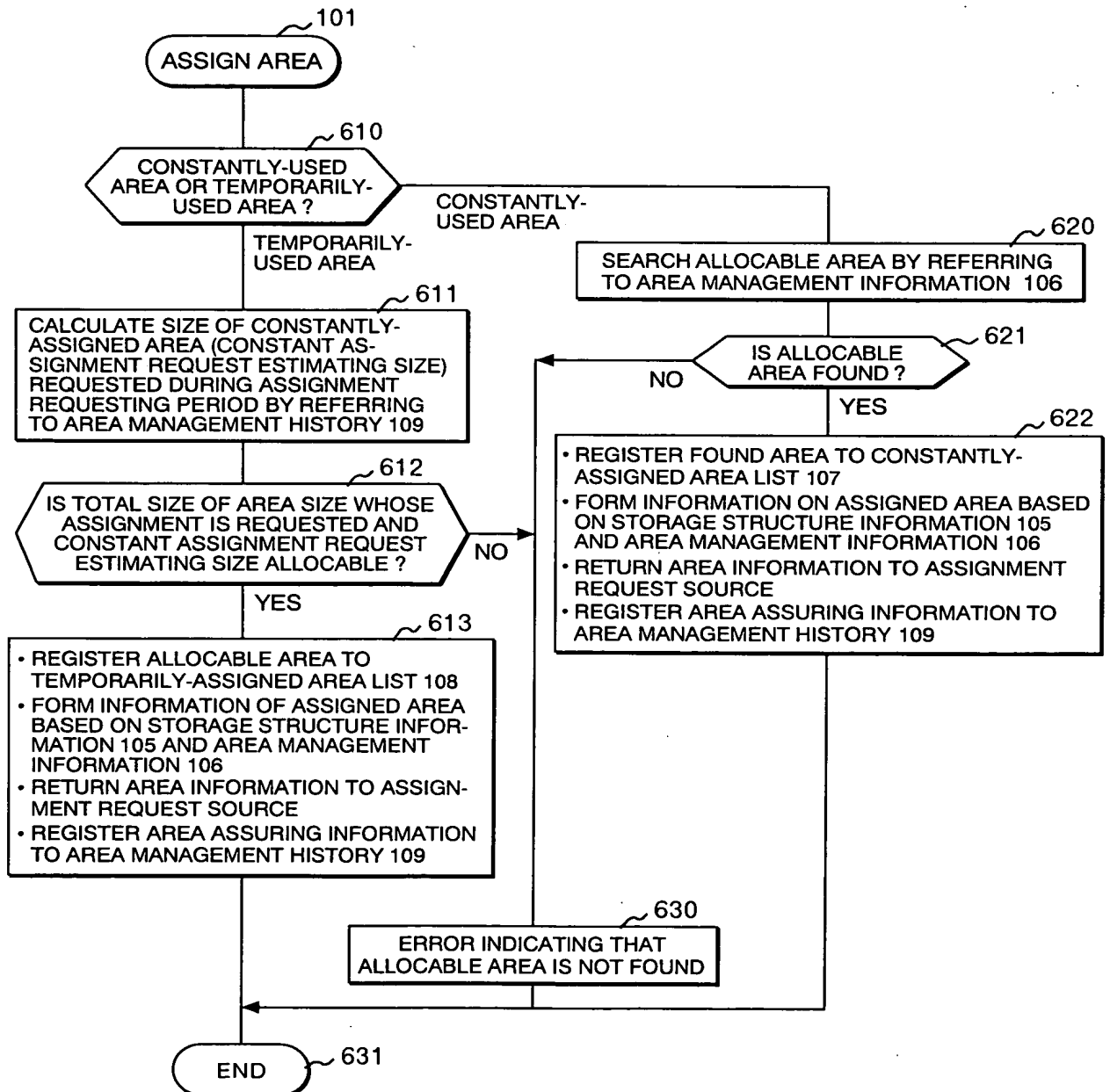
CONSTANTLY-ASSIGNED AREA LIST 107

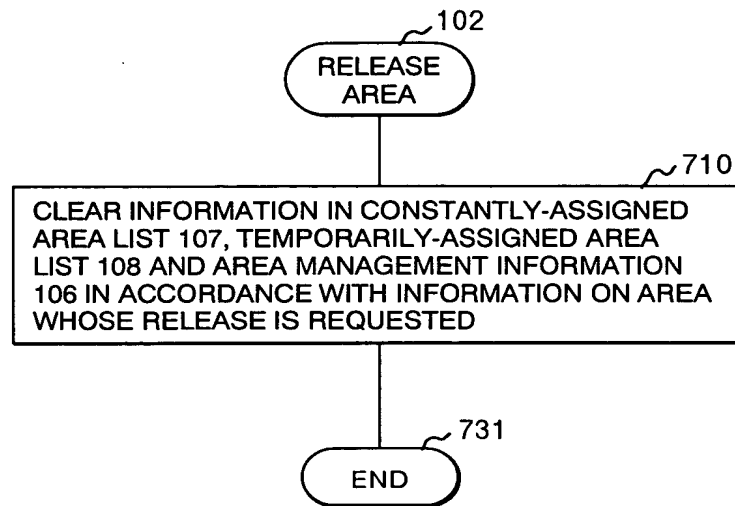
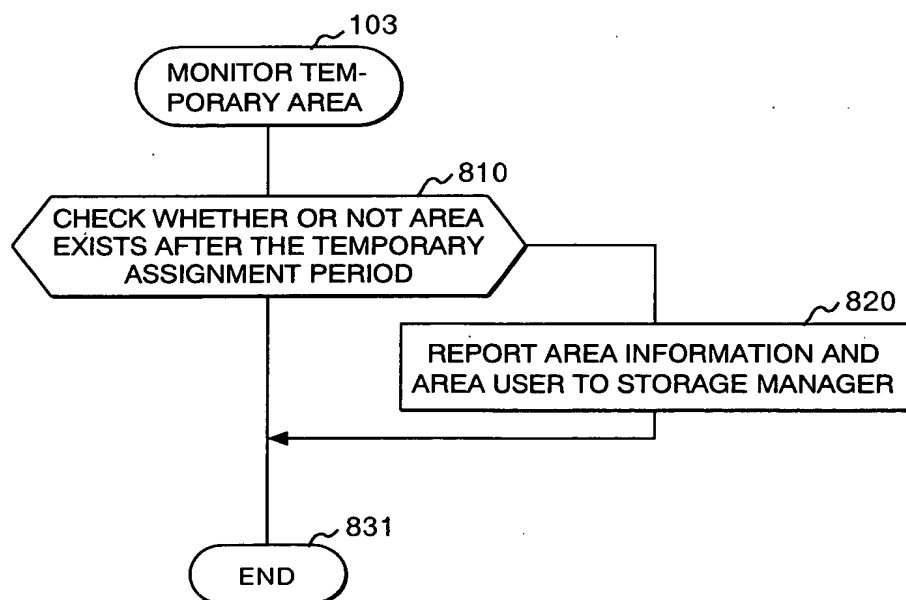
401 USER NAME	402 STORAGE DEVICE	403 AREA NAME	404 ASSIGNMENT SIZE	405 ASSIGNMENT TIME AND DATE
nakano	RAID1	pool 1	9GB	2003/8/8 19:40:00
nakano	DISK2	lvol 1	4GB	2003/8/9 10:10:00

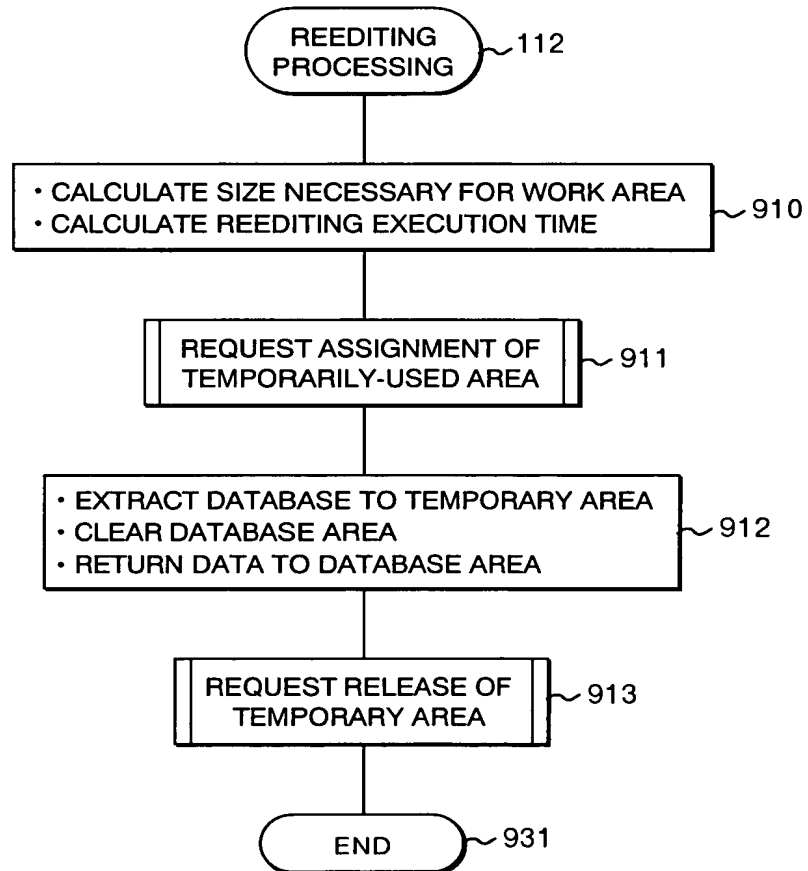
**FIG. 5**

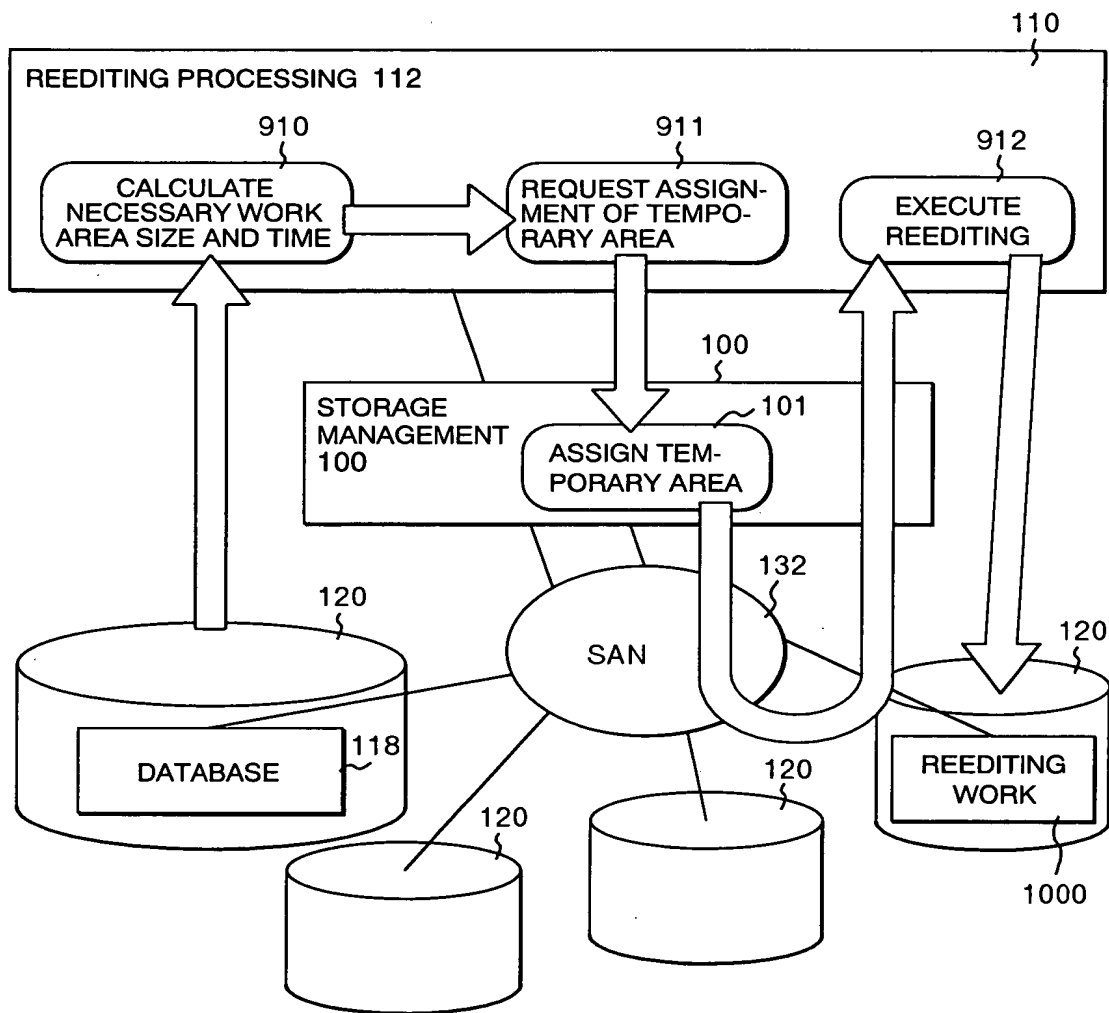
TEMPORARILY-ASSIGNED AREA LIST 108

501 USER NAME	502 STORAGE DEVICE	503 AREA NAME	504 ASSIGNMENT SIZE	505 ASSIGNMENT TIME AND DATE	506 USING PERIOD
nakano	RAID1	pool 2	3GB	2003/8/7 7:40:00	4H
nakano	DISK1	lvol 1	2GB	2003/8/8 10:10:00	2:30H

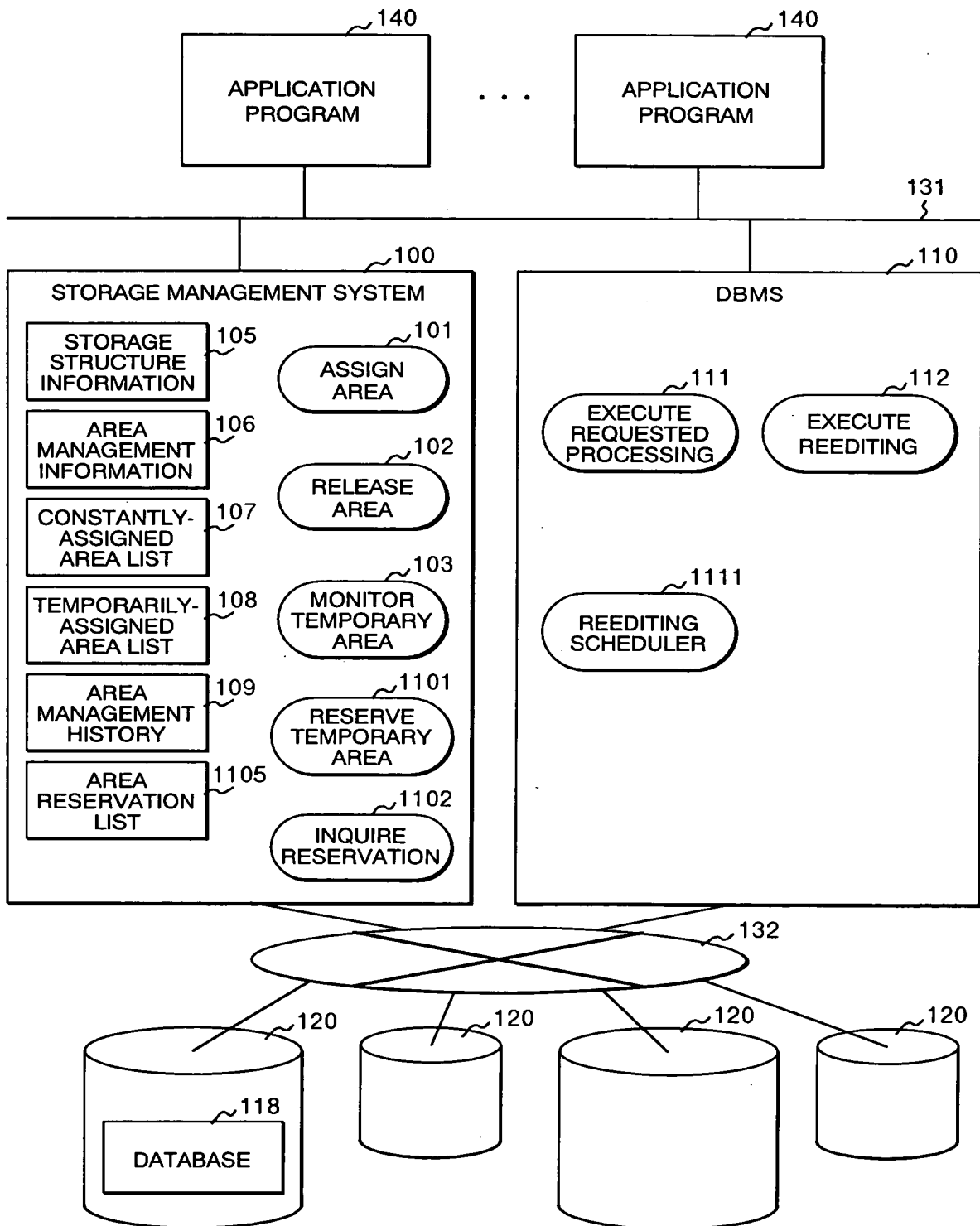
**FIG. 6**

**FIG. 7****FIG. 8**

**FIG. 9**

**FIG. 10**



**FIG. 11**

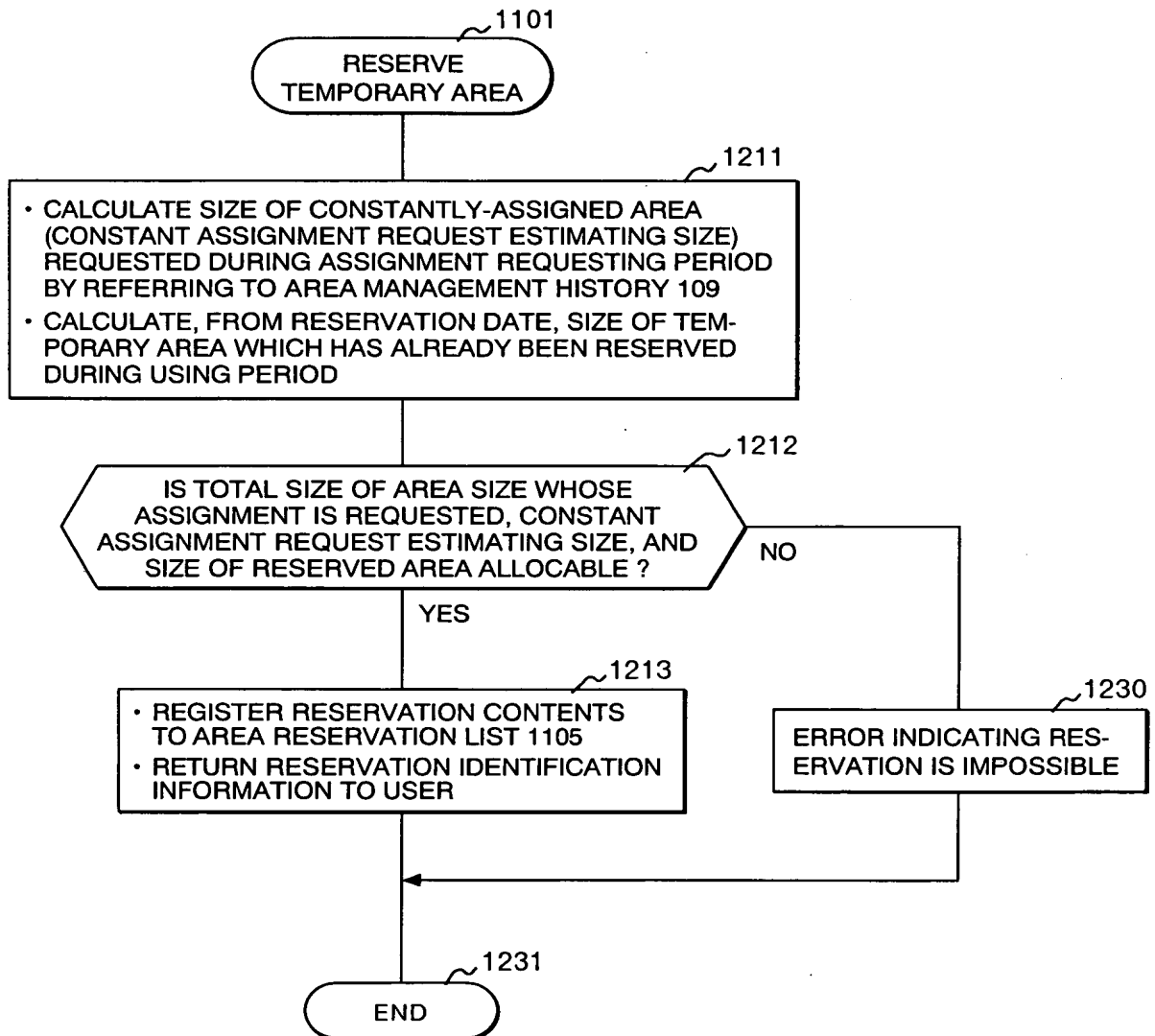
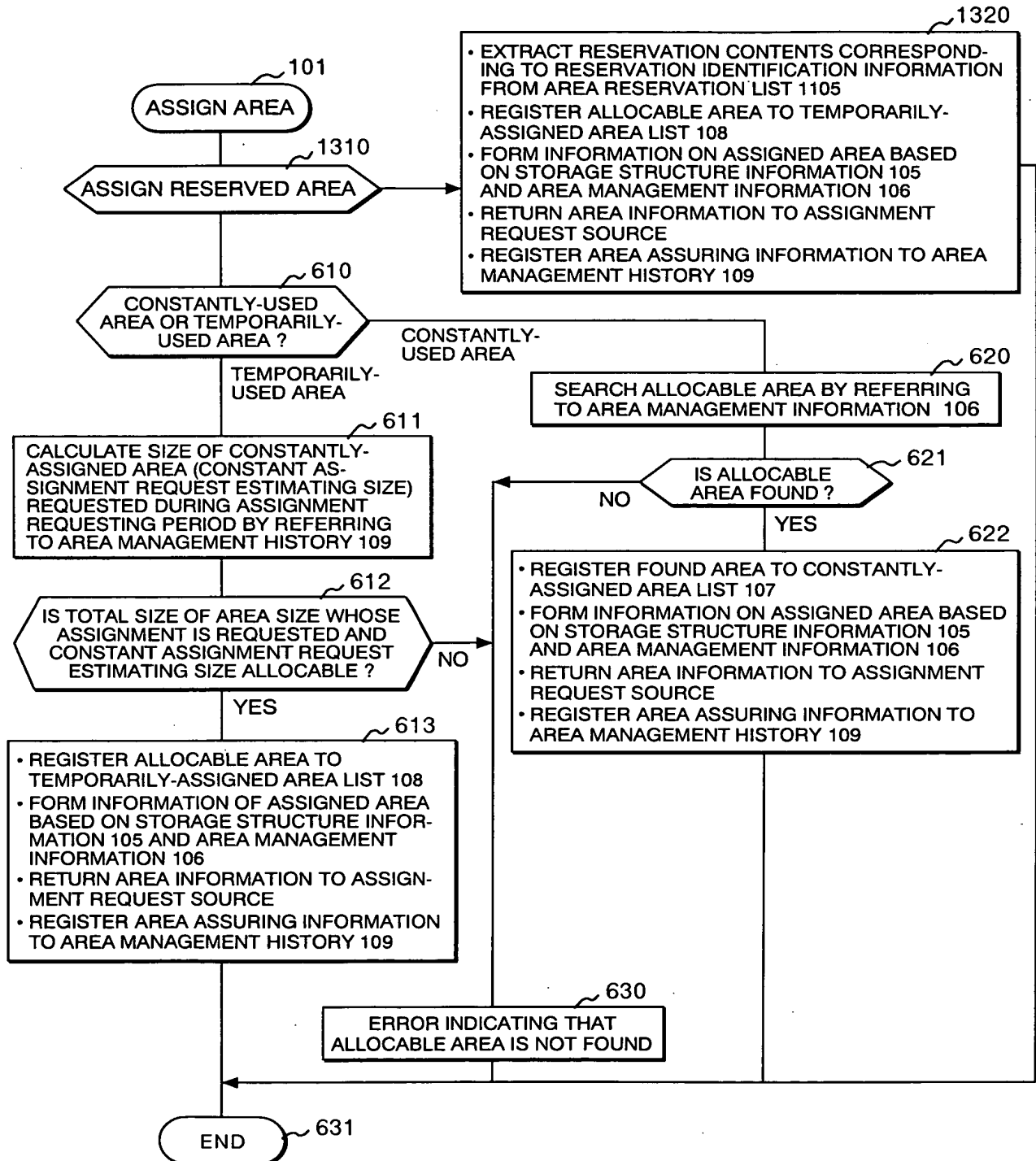
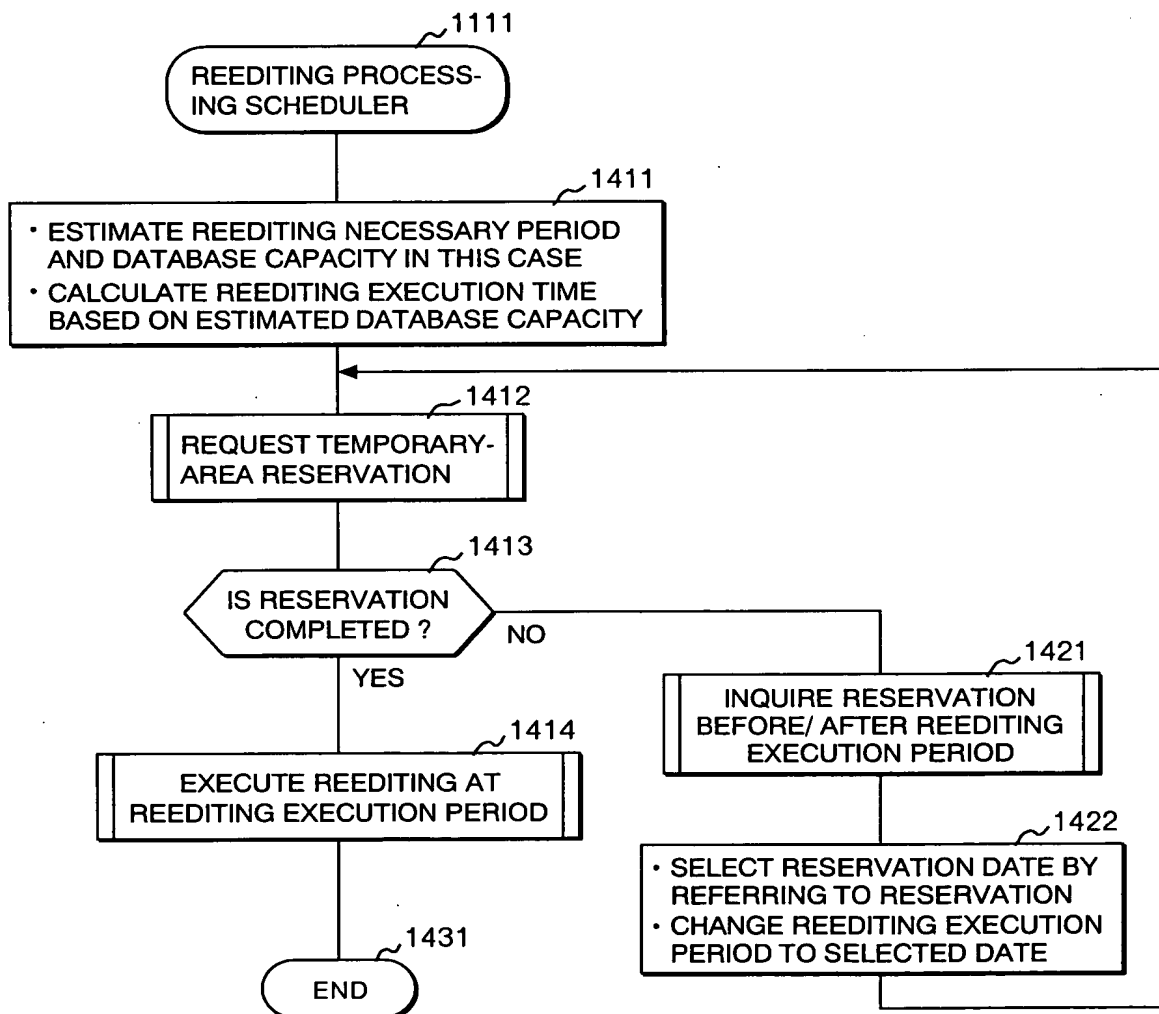
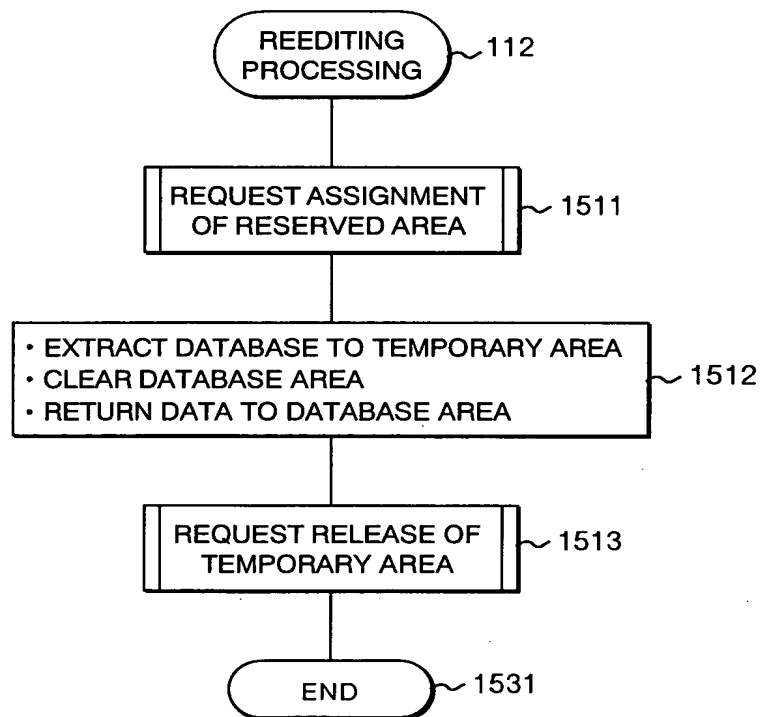
**FIG. 12**

FIG. 13



**FIG. 14**

**FIG. 15**

**FIG. 16**

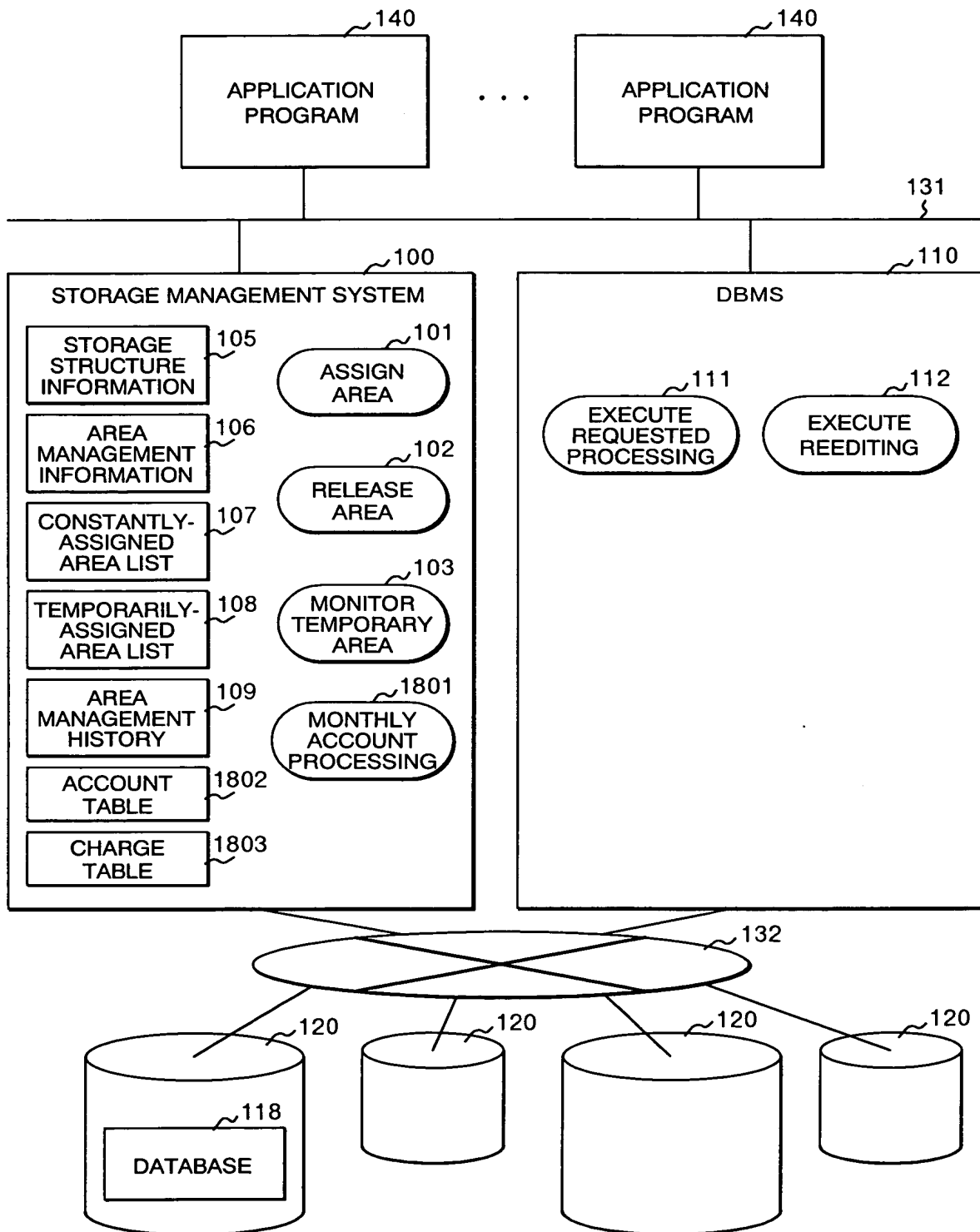
AREA MANAGEMENT HISTORY 109

161 }	162 }	163 }
ASSURE OR RELEASE AREA	AREA NAME	DATE
ASSURE	pool 2	2003/8/7 7:40:00
RELEASE	pool 2	2003/8/7 11:25:00
ASSURE	lvol 1	2003/8/8 10:10:00
RELEASE	lvol 1	2003/8/8 12:40:00
ASSURE	pool 1	2003/8/8 19:40:00

**FIG. 17**

AREA RESERVATION LIST 1105

171 }	172 }	173 }	174 }	175 }	176 }
USER NAME	RESERVA- TION DATE	SIZE OF RE- SERVED AREA	USING PERIOD	STORAGE DEVICE	AREA NAME
nakano	2003/9/7 10:00	3GB	8H	RAID1	pool 1
yamada	2003/8/12 20:00	4GB	6Hr	RAID1	pool 2

**FIG. 18**

**FIG. 19**

ACCOUNT TABLE 1802

1901 }	1902 }	1903 }	1904 }	1905 }
USER NAME	STORAGE DEVICE	ASSIGNMENT SIZE	USING PERIOD	ACCOUNT RANK
nakano	RAID1	3GB	4H	1
nakano	DISK1	2GB	2:30H	1

**FIG. 20**

CHARGE TABLE 1803

2001 }	2002 }		2003 }		
STORAGE DEVICE	CONSTANT ASSIGNMENT		TEMPORARY ASSIGNMENT		
	MONTHLY CHARGE	DAILY CHARGE	MONTHLY CHARGE	DAILY CHARGE	EXCESS
RAID1	1000	30	800	25	50
DISK1	500	15	400	12.5	25



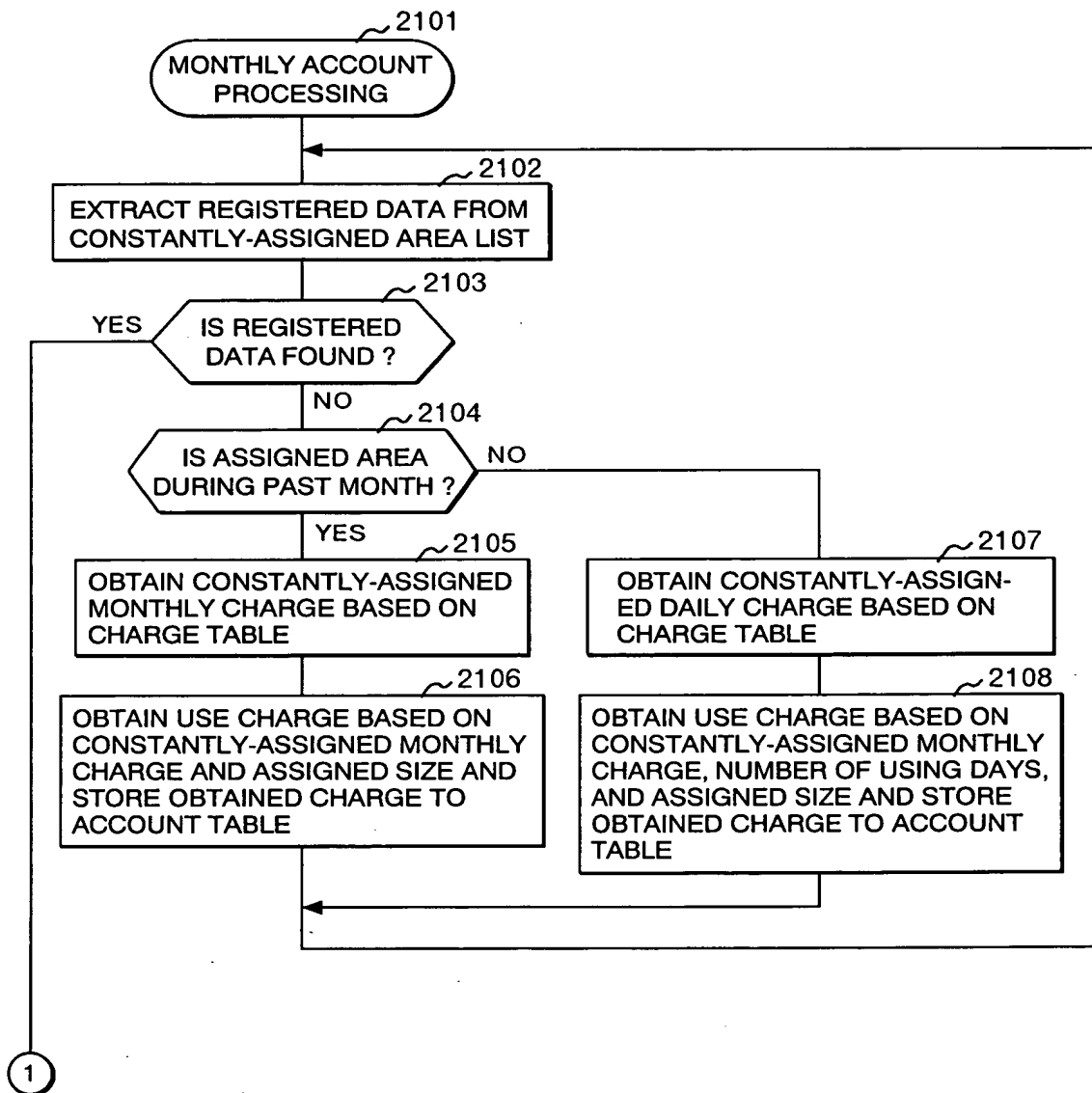
**FIG. 21A**

FIG. 21B

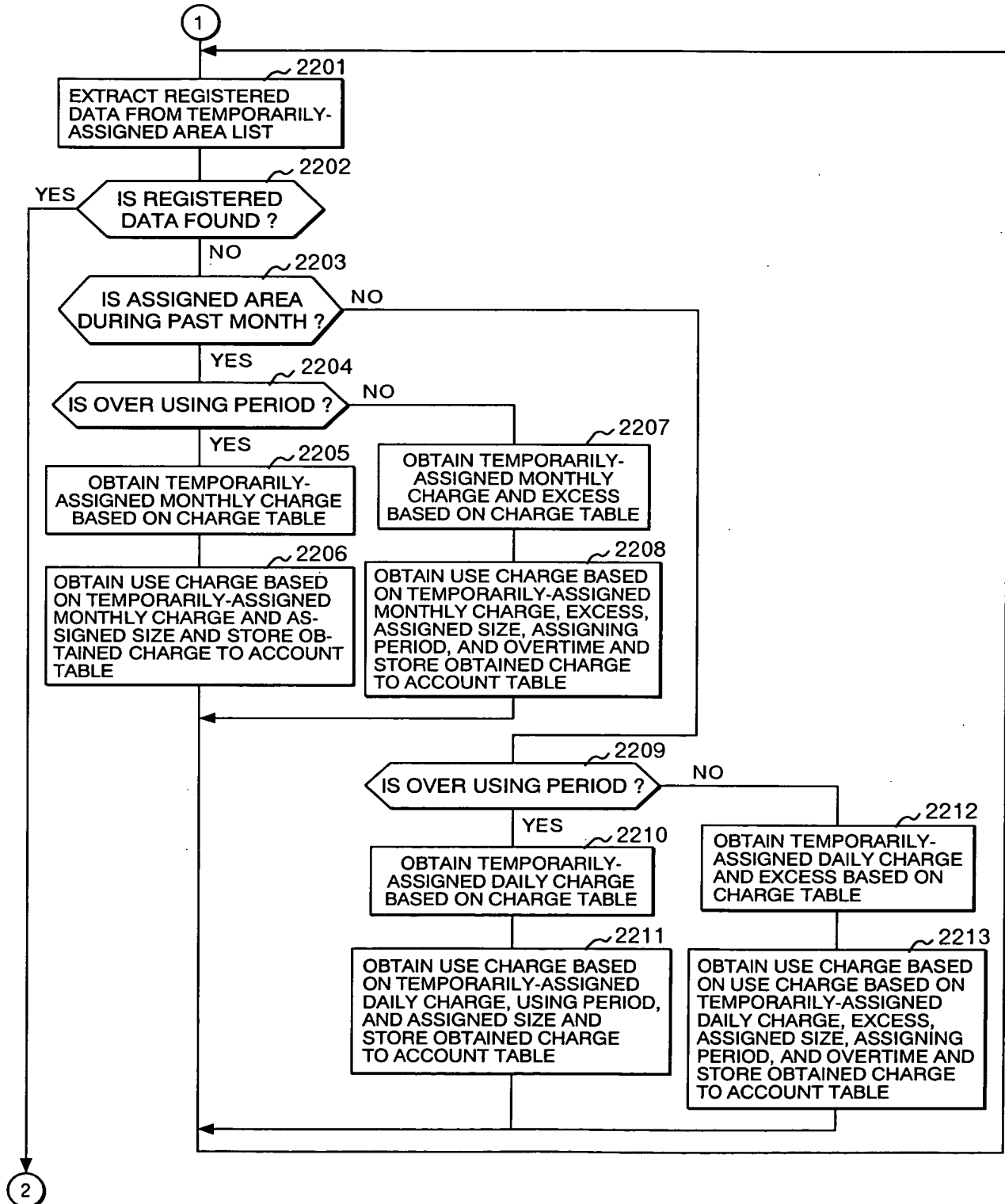


FIG. 21C

